

AMENDMENTS TO THE SPECIFICATION

Lines 11-13 of page 15 have been amended as follows:

Synthesis of graft copolymers ~~(a-2)-(a-5)~~ ~~(a-2)-(a-4)~~ and (r-1)-(r-5)

Graft copolymers ~~(a-2)-(a-5)~~ ~~(a-2)-(a-4)~~ and (r-1)-(r-5) were synthesized as described above for the synthesis of graft copolymer (a-1).

Lines 27-31 of page 15 have been canceled.

From Table 1, graft copolymers a-5 and a-8 are eliminated. Thus, amended Table 1 will appear as follows:

Table 1 (amended)

Kind of graft copolymer and salt	First process					Second process	Third Process
	Molar % of monomers				WAMW	Polyether compound of Formula 2 (kind/*1)	Kind of basic compound for neutralization
	Maleic anhydride (molar %) (1)	Monomer of Formula 1 (kind/molar %) (2)	Other monomers (kind/molar %)	Molar ratio (1)/(2)			
a-1	60	d-1 / 40		60/40	28000	f-1 / 3.0	
a-2	60	d-2 / 40		60/40	42300	f-2 / 1.5	
a-3	60	d-3 / 40		60/40	15000	f-1 / 0.3	
a-4	60	d-4 / 40		60/40	33400	f-1 / 0.8	
a-6	60	d-1 / 40		60/40	28000	f-1 / 3.0	*2
a-7	60	d-3 / 40		60/40	15000	f-1 / 0.3	*2
r-1	60	d-1 / 40		60/40	15000	f-1 / 0.01	
r-2	60	d-1 / 40		60/40	15000	f-1 / 10	
r-3	60	d-3 / 40		60/40	28000	fr-1 / 3.0	
r-4	50	d-4 / 40	e-1 / 10	55/45	31000	fr-2 / 3.0	
r-5	60	dr-1 / 40		60/40	82000	f-2/ 2.5	

Line 16 of page 16 has been canceled.

Lines 6-9 of page 17 have been amended as follows:

Test Examples ~~2-15~~ 2-4, 6, 7, 9-11, 14 and 15 and Comparison Examples 1-13

Admixtures ~~(P-2)-(P-15)~~ (P-2)-(P-4), (P-6), (P-7), (P-9)-(P-11), (P-14) and (P-15) as Test Examples ~~2-15~~ 2-4, 6, 7, 9-11, 14 and 15 and admixtures (R-1)-(R-13) as Comparison Examples 1-13 were prepared as described above for the preparation of admixture (R-1) as Test Example 1.

From Table 2, Test Examples 5, 8, 12 and 13 are eliminated. Thus, amended Table 2 will appear as follows:

Table 2 (Amended)

	Kind	Component A (kind/ratio(part))	Component B (kind/ratio(part))	Component C (kind/ratio(part))	Others (kind/ratio(part))
Test Example:					
1	P-1	a-1 / 50	b-1 / 49	c-1 / 1	
2	P-2	a-2 / 50	b-1 / 49	c-1 / 1	
3	P-3	a-3 / 50	b-1 / 49	c-1 / 1	
4	P-4	a-4 / 50	b-1 / 49	c-1 / 1	
6	P-6	a-6 / 50	b-1 / 49	c-1 / 1	
7	P-7	a-7 / 50	b-1 / 49	c-1 / 1	
9	P-9	a-1 / 50	b-2 / 48.7	c-2 / 1.3	
10	P-10	a-2 / 25	b-3 / 72.8	c-2 / 2.2	
11	P-11	a-3 / 25	b-4 / 74	c-2 / 1	
14	P-14	a-1 / 75	b-1 / 23.7	c-1 / 1.3	
15	P-15	a-1 / 25	b-1 / 74.5	c-1 / 0.5	
Comparison Example:					
1	R-1		b-1 / 49.9	c-1 / 0.1	r-1 / 50
2	R-2		b-2 / 47	c-1 / 3	r-2 / 50
3	R-3		b-2 / 49.8	c-2 / 0.2	r-3 / 50
4	R-4		b-3 / 49.8	c-2 / 0.2	r-4 / 50
5	R-5		b-3 / 49.5	c-3 / 0.5	r-5 / 50
6	R-6	a-1 / 97	b-1 / 2	c-1 / 1	
7	R-7	a-1 / 10	b-1 / 89.5	c-1 / 0.5	
8	R-8	a-1 / 5	b-2 / 94.2	c-2 / 0.8	
9	R-9	a-1 / 50	b-1 / 49.5		*3 / 0.5
10	R-10	a-1 / 50	b-2 / 43	c-1 / 7	
11	R-11			c-1 / 1	*4 / 99
12	R-12		b-2 / 49.7	c-2 / 0.3	*4 / 50
13	R-13			c-1 / 1.5	*5 / 98.5

Lines 7-10 of page 18 have been canceled.

From Table 4, Test Examples 20, 23, 27 and 28 are eliminated. Thus, amended Table 4 will appear as follows:

Table 4 (amended)

	Admixture		Property of concrete				
	Kind	Added amount *6	Immediately after kneading		90 minutes later		Slump loss (%)
			Slump (cm)	Air quantity (%)	Slump (cm)	Air quantity (%)	
Test Example:							
16	P-1	0.34	18.6	4.7	15.9	4.6	85.5
17	P-2	0.46	18.3	4.5	17.0	4.7	92.9
18	P-3	0.40	18.3	4.4	15.1	4.3	80.3
19	P-4	0.42	18.5	4.7	17.3	4.4	93.5
21	P-6	0.35	18.5	4.8	16.0	4.5	86.5
22	P-7	0.41	18.6	4.5	15.2	4.3	81.7
24	P-9	0.35	18.4	4.5	16.0	4.7	87.0
25	P-10	0.92	18.6	4.8	16.8	4.3	90.3
26	P-11	0.80	18.5	4.6	15.2	4.4	82.2
29	P-14	0.23	18.5	4.5	15.7	4.2	84.9
30	P-15	0.70	18.8	4.7	16.0	4.5	85.1
Comparison Example:							
14	R-1	0.32	18.4	4.6	14.0	4.2	76.1
15	R-2	0.38	18.6	4.4	12.0	4.0	64.5
16	R-3	0.44	18.5	4.5	13.5	4.4	73.0
17	R-4	0.46	18.7	4.7	14.5	4.5	77.5
18	R-5	0.71	18.1	4.5	8.5	4.1	47.0
19	R-6	0.18	18.2	4.4	14.5	4.2	79.7
20	R-7	1.70	18.4	4.7	13.3	4.1	72.3
21	R-8	3.40	18.2	4.8	11.5	4.3	63.2
22	R-9	0.34	18.5	4.8	14.9	4.1	81.4
23	R-10	0.30	18.9	8.9	13.0	6.5	68.8
24	R-11	0.20	18.7	4.4	14.8	4.2	79.1
25	R-12	0.40	18.5	4.5	14.6	4.1	78.9
26	R-13	0.52	18.2	4.8	7.9	4.2	43.4

From Table 5, Test Examples 20, 23, 27 and 28 are eliminated. Thus, amended Table 5 will appear as follows:

Table 5 (amended)

	Properties of admixture				
	Shrinkage ($\times 10^{-4}$) at 26 weeks	Durability against freezing and thawing action (300 cycles)	Accelerated carbonation depth (mm)	Compressive strength	
				Age = 7 days	Age = 28 days
Test Example:					
16	5.2	96	10.8	36.3	49.2
17	5.3	98	10.8	36.5	49.4
18	5.1	92	10.7	35.1	48.0
19	5.2	95	10.8	36.5	49.0
21	5.2	96	10.8	36.4	49.2
22	5.1	95	10.7	35.3	48.2
24	5.3	94	10.8	36.8	50.3
25	4.8	91	10.6	35.2	48.4
26	4.9	92	10.7	35.0	48.1
29	5.5	97	10.9	36.6	49.6
30	4.9	95	10.9	35.4	48.5
Comparison Example:					
14	5.4	52	12.1	34.1	47.5
15	5.5	55	12.3	34.3	47.7
16	5.4	48	12.1	33.6	47.0
17	5.9	35	12.6	33.9	47.2
18	6.0	46	12.4	34.3	47.8
19	7.1	94	14.0	36.2	49.0
20	6.2	65	10.8	33.5	45.2
21	6.5	60	10.7	32.0	42.9
22	5.3	Less than 30	10.9	36.0	49.1
23	*7	*7	*7	29.4	40.2
24	7.5	88	14.2	36.2	49.0
25	7.0	Less than 30	12.8	34.5	48.0
26	7.7	91	14.5	34.9	48.3